Figure 1

Minimal Inhibitory Concentrations (MIC, mM) of Benzimidazoles against Bacteria and Yeast

		Gram+	:			Gram-			Yeast
Compound	SA1	EH2	SP4	SP6	EC2	VP8	KP1	PA2	CA1
7a	6-12	1-3	3-6	12-25	12-26	25-50	6-12	25-50	50-100
J.b	3-6	1-3	3-6	6-12	6-12	12-25	6-12	25-50	25-50
7c	6-12	3-6	6-12	12-25	12-25	25-50	12-25	12-25	>100
7d	12-25	6-12	6-12	25-50	-09	NT	25-50	25-50	>100
					100				
7e	6-12	3-6	6-12	25-50	25-50	ZZ	25-50	25-50	>100
7g	6-12	1-3	3-6	12-25	12-25	25-50	12-25	25-50	>100
7i	6-12	1-3	3-6	6-12	6-12	12-25	6-12	25-50	>100
7.j	6-12	1-3	6-12	12-35	-05	50-100	12-25	12-25	50-100
ı					100				
7k	3-6	1-3	6-12	6-12	25-50	>100	12-25	25-50	25-50
71	3-6	3-6	3-6	6-12	12-25	25-50	12-25	12-25	. >100
7m	6-12	3-6	6-12	12-25	12-25	25-50	12-25	12-25	50-100
70	6-12	3-6	6-12	12-25	12-25	25-50	12-25	25-50	>100
7r	6-12	3-6	6-12	12-25	12-25	12-25	6-12	12-25	50-100
7s	6-12	3-6	6-12	12-25	12-25	25-50	12-25	25-50	>100
74	6-12	3-6	6-12	25-50	-05	25-50	25-50	12-25	50-100
					100				
7u	6-12	3-6	6-12	12-25	25-50	25-50	12-25	25-50	>100
7x	6-12	3-6	12-25	6-12	6-12	25-50	25-50	12-25	50-100
10b	3-7	0.75-	25-50	6-12	12-26	25-50	25-50	6-12	6-12
		1.5							
10c	6-12	1-3	3-6	6-12	12-25	N	6-12	12-25	12-25
12	3-6	1-3	3-6	6-12	6-12	NT	6-12	12-25	50-100

^aSA1; S. aureus 13709; EH2: E. hirae 29212; SP4: S. pyogenes 49399; SP6: S. pneumoniae 6303; EC2: E. coli 25922; PV8: P. vulgaris 8427; KP1: K. pneumoniae 13383; PA2: P. aeruginosa 25416; CA1: C. albicans 10231, NT: Not tested.

Figure 2

Minimal Inhibitory Concentrations (MIC, mM) of Benzimidazoles against Enterococcus

Compound E.FAE	E.FAECALIS	E.FAECALI	E.FAECALI	E.FAECALI_	E.FAECALIS_	E.FAECIUM	E.FAECIUM_	E.HIRAE_
	ı	ATCC 232	ATCC 420	ATCC 49757	ATCC 828	ATCC 656	ATCC 882	ATCC 292
	ATCC_11823	1	- 0	I	!	1 6	!	12_
7a	3-6	6-12	6-12	6-12	6-12	3-6	6-12	1-3
Jb	3-6	3-6	3-6	3-6	3-6	3-6	3-6	1-3
7c	6-12	12-25	12-25	12-25	12-25	6-12	12-25	3-6
7 d	12-25	25-50	25-50	12-25	12-25	12-25	25-50	6-12
7e	12-25	12-25	12-25	12-25	12-25	12-25	12-25	3-6
7i	6-12	LN	25-50	50-100	50-100	12-25	IN	1-3
7 k	N	LN	NT	25-50	IN	50-100	L	1-3
7m	12-25	12-25	12-25	12-25	12-25	12-25	12-25	3-6
7p	6-12	12-25	12-25	12-25	6-12	6-12	12-25	3-6
7r	12-25	6-12	12-25	12-25	6-12	6-12	6-12	3-6
7.8	12-25	12-25	12-25	6-12	12-25	6-12	12-25	3-6
71	12-25	12-25	12-25	12-25	12-25	6-12	12-25	3-6
7u	12-25	12-26	12-25	12-26	12-26	6-12	12-25	3-6
7x	3-6	6-12	6-12	6-12	6-12	3-6	6-12	3-6
10b	3-6	6-12	6-12	6-12	6-12	3-6	6-12	0.7-1.5
10c	3-6	3-6	6-12	3-6	6-12	3-6	3-6	1-3
12	2 6-12	6-12	6-12	6-12	3-6	3-6	6-12	1-3
I:LN	Not tested.							

Figure 3

Minimal Inhibitory Concentrations (MIC) of Selected Benzimidazoles against Bacteria and Yeast^a

			Gram +				Gram-		Yeast
Compound	SA1	EH2	SP4	SP6	EC2	PV8	١.	PA2	CA1
14a	6-12	25-50	25-50	12-25	25-50	25-50	25-50	50-100	12-25
14b	6-12	25-50	25-50	6-12	>100	>100	4,	>100	>100
19f	6-12	3-6	6-12	12-25	12-25	12-25		25-50	25-50
17g	6-12	3-6	6-12	12-25	12-25	25-50		25-50	12-25
17h	6-12	1-3	6-12	12-25	25-50	>100		>100	>100
18j	3-6	3-6	6-12	12-25	>100	50-100		50-100	>100
18m	6-12	1-3	6-12	12-25	>100	25-50		50-100	25-50

^aSA1: S. aureus 13709; EH2: E. hirae 29212; SP4: S. pyogenes 49399; SP6: S. pneumoniae 6303; EC2: E. coli 25922; PV8: P. vulgaris 8427; KP1: K. pneumoniae 13383; PA2: P. aeruginosa 25416; CA1: C. albicans 10231.